#### WILLIAM D. COOKE. EDITOR & PROPRIETOR.

# A FAMILY NEWSPAPER-NEUTRAL IN POLITICS.

STERE KIN

### TERMS, TWO DOLLARS PER ANUM

WHOLE NO. 148.

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### MISCELLANEOUS.

#### From the Farmer's Journal. THREE DAYS IN EDGECOMBE. BY EDMUND RUFFIN.

cow-yard, in which the cattle were penned From runnor and uncertain and loose verbal through summer without litter, and through had learned that agricultural improve- winter with litter, was to receive a layer of above ment had been making great and remarkable six inches depth of this earth. The adjoining progress in Edgecombe county. What I knew hog lot, in which the hogs for slaughter would generally of the character of the soils of the be fattened, would have twelve inches or more. nife region, and of the great agent for their im- The length of the hauling, from the ditchprovement, marl, elsewhere, and which was bank to the lots, seemed to be between 300 and reported to have been the prime fertilizer in 400 yards, or double this distance for each trip. Halgecombe, made me desirous of visiting that The whole of the bedding of earth, with the country, and becoming personally acquainted other ingredients of the general mass, will be with some of the hest improved farms and their next spring thrown into low ridges on heaps, for proprietors. This, wish was made the stronger, intermixture and better preparation, and afterbut the accomplishment not at all forwarded, by | wards be carted to the fields.

Sombern

Here we saw one end-of the work then carried

on by the whole force of the farm. Twelve

small carts, each drawn by one mule, were

bringing and emptying ditch-bank earth over

the whole surface of these stock yards. The

my having received from the Agricultural Soci- The earth was the old bank formerly thrown etv of that county, some eighteen month's ago, out of a large open ditch dug through a long an invitation to deliver an address at its then low depression, and which served to drain the next annual meeting. While highly appreciat. adjacent ground. The upper part of most of ing that compliment, I was under the necessity the earth thrown out was mostly of rich swamp of declaring the honorable service required. My soil. But parts even of the upper layers were engagements then forbade my undertaking the comparatively poor and sandy. And the bottask. And even if free to act, I have never es- tom layer, or subsoil, before dug out was teened as of much value the instruction and ben- throughout a sandy clay, which hardened into effecto be conveyed in formal addresses to Agri- clods when dug, and which seemed quite poor. cultural Societies. The occasion, and the m xed | To this last layer, and material for compost, the assemblage, both would render it improper to men were then adding a deepening of six or treat, for instruction, of matters of farming prac- eight inches, which will be used in the like mantice. Hence, the speaker on such occasions is ner hereafter.

almost compelled to fail into the far more easy If not before informed of the general and great beneficial effects of such compost, I should have and enstantary way, of uttering a mere dee mation on agriculture, which in most cases is doubted whether even the richest of this earth, such as may be truly termed "an essay on agri- as material, would have failed for the long and catural things in general, and of rothing in par- double transportation, and several haulings .-ticular," and is of no plactical use whatever .-- And las to the (apparently poorest earth thus It is not so much the fault of the writers or used, I would not have wished it placed on my speakers of such addresses, as it is of the occas land, if to be done without any cost to myself. sum, tha such formal addresses serve to instruct Indeed, if, without any previous information of in agricultural knowledge, as little as do Fourth either the persons so operating, or of the effects of July speeches in statesmanship, or in the of such labors, I had first seen this precise operation in progress, I would have inferred that iscience of povernment. - It was but very recently, (in August, 1854.) the proprietor was on the road to ruin, instead that circumstances permitted my visiting Edge. of to high improvement of his estate and its incombe-when returning to Virginia, from a vis- come. But I will never oppose any mere opinit to the upper part of North Carolina. After ion, founded in advance of all knowledge of facts. forming the intention, there was but a few days' to the contrary deductions from facts well ascertime to notify John S. Dancy, Esq. of my com- trined and tested by sufficient time and experiing. With this gentleman only, I had had ence. And therefore, whatever imperfections some correspondence, as the former president of and errors, and even partial laws as consequences. the Edgewombe Agricultural Society. I had may present partial exceptions to and errors in never soon any resident, and seen no more of the the general practice of compost manuring in country, than was afforded by the passage on the Edgecombe, I am bound to admit, and fully be-Wilmington ratiroad through its borders, and lieve, that the practice in general has been highwhich is, generally along a ridge of its poorer by improving, beneficial, and profitable. But for the present, I will suspend this subject, and land. When reaching the Rocky Mount station, I renew it after reaching the conclusion of my inhad counted on taking the mail-coach to Tarbo- formation and observation of the operation. rough ; but I found Mr. Daucy and his carriage We had to hasten from Panola to be in time awaiting my arrival. This I should have regret- to reach Conton Valley, the farm of Baker Stattal, if merely providing for my personal ac- on, E-q., who, in the estimation of his countychinolation. But the private conveyance per- men, stands highest in the rank of the improvmitted the traveling a different route, and the ing and profit-making cultivators and good passage through, and view of a number of the farmers of Edgecombe. It is a good custom of hest farms in the county. We crossed Tar riv- this county, that after the crops are all "laidor by Rocky Mount, at the picturesque falls of by," or their cultivation is ended, a barbacue is the river, made, as are the most eastern falls of prepared on some one's farm in each neighborall our Atlantic rivers, by the ridge of granite hood, and to which are invited all the neighborwhich passes across the courses of all that enter ing farmers. By lucky accident, and without the occan. Our road passed not very far from ever having had any previous notice thereof. the river, and again crossed it below. The lands, one of these social meetings was to take place like nearly all in the county, are as nearly level on this day, under the shelter of the host's exas hand can be. The original growth, more or tensive cotton loft. Notwithstanding a cloudy less of pine, indicates soil of but moderate nat-, and threatening morning, which was followed ural fertility, and of acid constitution. Still, by a heavy rain while we were at dinner, there , these lands near the river, as usual in regard to were assembled about 60 of the neighboring all rivers, were much better than the more re- farmers and residents of all degrees. For such mote lands. We stopped to see a large mail an entertainment, which in our country, and acexcavation, near the road, and also saw evidences eording to our social usages, must be open to of the other usual and more to culiar operations | nearly all who choose to come, the persons prefor the improvement of lands. But it is unne- sent indicated a population of high order, in reissury to speak of them in advance of the bet- gard to intelligence, and good deportment. Of ter views of more full operations afterwards had all whom I heard converse on farming, (and there was no other subject of conversation,) there elsexhore. "We reached the beautiful village of Tarbo- was no one who did not speak to good purpose. rough late in the afternoon. The next morning The only fault I observed was that there were we set out, on horseback, first to view Panola, the too many who said nothing, and who seemed too farm owned and enlivated jointly, by Messrs, diffident, and modest, to act otherwise than as Robert Norfleet and John S. Daney, It was attentive listeners.

riding over and viewing farms, it may be said southern counties, in a very low condition. It that there was a Committee of Agriculture in was not then far from the truth, as to Edgepermanent session, (or in locomotion,) though combe, as is even now erroneously supposed of often varying both in numbers and in mem- it by many strangers, that its chief productions bers. were turpentine and ague and fever. As was

On the second morning, according to the pre- generally the case formerly, in lower Virginia, rious invitation and arrangement of Robert R. as well as still later in lower North Carolina, no Bridgers, Esq. about a dozen farmers started af- one attempted the durable enriching of his land, ter early breakfast, for his farm of Strabane, on and not many thought of taking the least care Fishing Creek, 9 miles from Tarborough. The to avoid complete exhaustion at some future ordinary good high land of the county was time. At that time, four farmers in the county here, as at Cotton Valley, substituted in part by were subscribers to and readers of the Farmers' lower and rich swamp land, formerly heavily Register, and from its contents they learned the wooded, but now cleared, well drained, and un value of marling. Three of them had marl, der a heavy growth of cotton.

and began its use. These were, James S. Bat-In the afternoon, I rode with Messrs. Dancy tle, (recently deceased,) Exum Lewis, and Dr. and R. Norfleet, to see the farm of Hope Lodge. Dicken. Their success induced others to follow This farm also is but a recent purchase of Messrs. their example. Soon other materials were tried. Dancy and William Norfleet, and the improve- One farmer began to make composts of earth

ment made by them is of still later date and less and marl, and stable manures; another added advancement, though in as good apparent proashes-a third cotton-seed-and others added gress as in other cases. The land is in four dis other and smaller materials, such as salt, gyptinct and level terraces, each separated from the sum and guano, but in few cases, and to limited one next above by a short slope. The highest extent.

of these slopes was the only one that I saw on any farm that could be termed a hill-side; and minor parts of the now general system of comthis one, though of slight elevation was protectpost manuring, it is admitted that Baker Staed from being washed by a graduated trench ton, Esq., now of Cotton Valley, first practiced running along the top. The lowest of the four it extensively, and became an examplar to his terraces, is bordering on the Tar river, (in a level countymen in that mode of improvement, as of which the farm lies.) and is narrow, and too he is understood and reported to be in general low, and too much subject to being overflowed good management and good cultivation. His

ever useless. Its wood, both drift, and standing compost manure, in my opinion, were necessari- burning are used. The quantities of ashes thus take, or errors of judgment. Bu when so many have to haul from each heap, and much of the and dead, furnishes a valuable supply of ashes | 1y and greatly forwarded by his having first (or obtained are very great. Messrs. Norfleet, and farmers, of all and various conditions, have c for compost-and a still more abundant and also very early in his course) marled all his land, and a valuable material, in the "brown deposit" of mostly in advance of his compost applications. mud and mixed leaves and other vegetable mat- It is to be lamented that this course has not ter, left in the eddies of the floods. This latter been general among those having accessible .-is deemed the richest earth for the compost heaps. Correct views of the action of marl on putres-This earth, in one layer, and over it pure marl cent manures would have caused this practice some inches thick, made the flooring of a pen of previous marling (or liming) to be deemed in which the cattle were confined every night essential. But the loss of value caused by the through summer. No doubt the animal excreomission of previous marling is mostly concealed ments were best secured from waste by the con- by the applications of compost being annually tact and chemical combination with the carbon- repeated-so that the degree of durability of ate of lime of the marl. each separate dressing cannot be known. In the course of this day, I had visited and seen the manner of working of four different marl matter (supplied in the composts,) was still liggings-two on Strabane, one on Mr. John more visibly operative, in making the previous L. Bridgers' farm, (where we found 15 carts at marling the most highly beneficial. Before work,) and one on Hope Lodge. There were the improving system was begun in Edgeimportant defects in the manner of working of combe, the practice-(as then and now too all-which I pointed out, as well as the proper generally in South Carolina,) was to take crops save a large portion of the expenses of future less in manure than was abstracted from the excavation and hauling. More will be said on land by the crops. Of course, the culture was this head, when speaking on the marling of regularly exhausting, and most of the cultivated Edgecombe more fully. land- had been thus made poor, and were year-This evening we spent at the house of John ly becoming poorer. Under such circumstances, L. Bridgers, Esq., in Tarborough, with some six (as I have urged elsewhere,) calcareous manure or seven other farmers. After a late sitting, and can have very little effect. Mr. J. S. Battle, next morning an early rising and breakfast, I renamed above as one of the pioneers in marling, turned to Rocky Mount, by a different road, to and who at a later time became one of the most take the railroad cars for Weldon. successful operators, often having applied marl I will now proceed to bring together, in a for some four years, actually suspended the furthmore regular digest, such observations as I could er use, under the belief that he had not been make, and the information obtained, during my | naid for his labor. Then he commenced the short visit. The statements will be necessarily composting practice; and wherever his compost meagre and imperfect, and perhaps in some cases happened to be laid on ground formerly marled may be erroneous, owing to misconception, or (as stated to me by his son, Wm. S. Battle, Esq.,) failure of means. For any such mistakes, I trust "the compost acted like a charm," and gave that the circumstances will serve as a sufficient sufficient encouragement for his resuming and Edgecombe county, or as much of it as I saw, ous perseverence and success. n its surface is almost a level, unbroken by any I will now state generally, and in the cursory deep depression except the Tar river, and its manner which only is permissable in a hasty considerable tributaries. There are, on almost sketch like this, the ordinary practices in makevery farm, slight depressions, usually very naring compost manure, of which the main features row and long, of swampy character naturally. are now general in Edgecombe, and which, to and which serve a most useful purpose, as promore or less extent, is in use on almost every per routes for open drains, and out of these farm ditches to furnish material of earth for compost The ditches on every farm, in their original heaps. In many cases, these slight depressions banks, and the earth taken out in subsequent of level spread out into extensive swamps-as clearings and deepenings, furnish the main supon Cotton Valley and Strabane-which when ply of material, and which is nowhere yet excleared of their gigantic forest growth, and hausted. Much of this is of swamp or other drained make very rich and productive land .rich soil. But some, from greater admixtures of The clearing is very laborious, though the labor sand, of even poor upper soil, and very often of is lessened and divided, by belting, and so comparatively poor subsoil, is much poorer-and "deading" the large trees. The ditching also as it seemed to me, too poor to be worth remocut, through unmatted roots and among standing val for manure. Still, all such is used for comtrees, is laborious, but durable and effectual for post. Besides, the nearest wood-land (even if drainage. The soil is deep, but rarely peaty, and of poor soil.) is often skinned of its upper surof such good earthy constitution, and on such face-and all the upper earth in the fence corsound subsoil as to be of great and permanent ners is scraped up and removed, repeatedlyproductiveness, under proper tillage and treatand there are additions to the more abundant.

dition to, or without cotton seed, the stable manure, as fast as it is produced, is given-and all there is no n arl, and where ashes are largely the materials are thrown into a heap, and as well used instead. His whole farm consist of but dinary narrow wheels. The carting of materials intermixed as may be. Marl, where to be had, 317 acres. Half of his arable land, would not in summer is mostly limited to the time beis also added, and ashes. On Panola, last year, have yielded to him at first more than 10 bush- tween the laying by the crops, and the beginin the compost heap on each acre, besides the els of corn to the acre. 100 loads of ditch-bank earth, or of the "brown Mr. Robert R. Bridgers stated that he knew be lost; and if much rain occurs the ground is

elsewhere.

the fields, (and mostly made through the past and profits, in comparison with others, with winter.) and also the compost manure ridged up whom cotton is the principal crop, and the only ground, and on so level a surface, a mule can in the stock pens, are carted and laid in the sale crop.

proper order, soon follows. Ashes are not only saved from the ordinary ed their fourfold.

sources of supply of every farm, but from other This waste is very great in the burning and be repeated almost every crop, and the manur-

Mr. Horn's farm is on Town Creek, where

deposit" of the river freshets, there was 40 bush- that the farming of Mr. Mercer, on Town Creek, els of marl, 10 bushels of ashes, 30 of cotton vielded better returns than his own. But, difseed, and 1 bushel of both gypsum and salt.- | ferent from most others, Mr. Mercer raised not But the two latter ingredients are rarely used only cotton for sale, but also corn and pork; so

In the spring, the compost heaps already in ported, would not do justice to his improvements

drills, the land having been previously ploughed. There are many others who in the last 10 or The manure is quickly covered by the plough; 12 years have, by compost manures, doubled and the planting of the several crops, in their their crops-fewer have tripled theirs, and still

If we had heard for the first time of these sources, and with reculiar economy and care.- most usual practices, in advance of their ascer-It has been ascertained that rapid burning and tained effects, there are few who would not ut- wheels. Two mule carts would require but half But whoever may be the just claimants of large fires consume and destroy (or rather it torly disbelieve in the great benefit of using such should be said, drive off into the air.) a large poor materials, and in any nett profit from the proportion of the ashes which wood yields.- whole laborious composting and application, to diggings.

draught of ordinary fire-places, and much great- ing and the cropping repeated every year. And er in the custome v large log-heaps and violent if one, or a few famers only had even had some fires of cleared wood-land. Hence, for the wood year or two of experience, and reported the beneof new clearings, and of drift wood departed by ficial results, their favorable opinions would be by high freshets, for cultivation. It is not how- successful and admirable results, in the use of the freshets of the river, small fires and slow ascribed to their sanguine temperament, mis-

applying the compost manure. The carts are all small, drawn by one mule, and have the or-

ning to gather fodder. None of this time can made soft, and the hauling heavy. Furtherwhen carting out the manure in the spring, to be put in the opened drills, the field has then been ploughed, and of course the hauling is lathat a like statement of his cotton crop, if re- | borious. Hence, the ordinary loads of earth, or of compost, are estimated at only five bushels, to the one mule cart. Now, on dry or firm easily haul eight bushels of moist marl or earth-and a two mule cart, 18 bushels, as I have fully tested in my extreme marling labors. And if using wheels five inches wide on the

fewer, including the above named, have increas- tread, the ground would be kept smooth and firm under the wheels, even if in a condition of moisture which would cause the ground to be cut up and become miry under narrow rimmed the present number of drivers. These remarks apply as well to the hauling of marl from the

> 4. The compost heaps are mostly, or to a great extent, built on the fields, each one in the middle of the acre which it is to cover. Of course, from the heap to the most distant parts of the acre, is but little more than forty yards-and this is the extreme distance to which the carts nauling is within the distance of twenty wards. (running over moveable plank tracks.) would be cheaper-or scrapers, if the texture of the compost admitted the use of the scraper. 5. The roads ascending from marl-pits (when such ascending roads are used) for want of uniform grading, and as gentle ascent as the ground would well allow, cause great increase of draught. and loss of power in hauling. Also, in every case observed, there were serious defects in the manner of working the pits, causing great loss these defects might have been found out and remedied, by an attentive reading of my directions for working marl-pits, in the late (5th) edition of the "Essay on Caloareous Manures." This book was in the hands of most of these marlers; and their failure to attend to the instructions there given, and their readiness to admit the same from my verbal directions, is in evidence of how much more effective is the one made of advise than the other. Printed and general instructions, however, applicable to practice, and to usual and various circumstances, are rarely well attended to and observed in practice even by the most intelligent readers. Yet the same persons, and also the less informed persons who rarely read for agricultural instruction, will eagerly listen to, and gladly profit by similar verbal directions, offered to each particular case and locality. 6. The good (or improving) land is cultivated so regularly every year, that it may be said to have no cessation of crop-bearing; and when under cotton, there is rarely a change to any other crop. It is alleged, (and I do not mean here to oppose the correctness of the opinion,) that the production of cotton, and quality of the product, are not impaired by the longest known continuation of culture, with \$00 or 609 bushels of compost manure, (mainly of earth as described) annually supplied to the land .--Even if so, the improvement might be more rapid, and products still better, if with more change of culture, and especially if preceding otton, if only one year preceding 2 or 3 of continued cotton, by a manuring pea crop. There is no such thing attempted as any regular rotation of crops in Edgecombe. 7. A general error is to make too limited use of peas as a manuring crop. This is the most valuable plant for manuring in a southern climate-(and there is as valuable a clover in a more northern and humid climate--) and nowhere does it grow better, with more certainty and more luxuriance, than on the soils of Edgecombe. Yet except as the universal secondary crop among corn, peas are rarely grown-and beneficial as is this mode, it is not sufficient to bring into operation half of the manuring value of this inestimable plant and crops, for this region.

purchased but a few years ago, (at \$15 the acre,) The speedy return of fair weather enabled a and is now under the third year's crop made by the large party of us to ride with our host along the present proprietors. It was before greatly want- roads and paths that passed through his exing in buildings as well as all other improvements; tensive and magnificent crops of cotton and corn and the full cropping of the farm has not been -and in some parts of our route, through crops attained before, this year. The growth of the without paths, though at the expense of considcrip of Fanola, was such as might be expected erable wetting from the rain-water still remainfrom a high degree of recent fertilization, and ling on the cotton leaves. A small part of the indicious culture. But I shall have but little to low land is a true peat earth, which is so entiresay on that head, important as it is, either of ly of vegetable constitution, that, though well this or other well improved farms that I viewed drained, and cultivated, it is incapable of susin the like hasty and cursory manner. All the taining the growth of corn-or of bearing the cross were good, and of remarkable uniformity weight of horses. This, I should infer, would of growth, for such large spaces and different furnish the best large material for Mr. Staton's faims. On the original pine lands, (as nearly compost heaps. But as yet he has only used all were, except swamps and very low river bot- for that purpose the banks of his numerous tems.) the different rates of production of differ- ditchest-and of the peat, only so far as the ditch ent farms seemed to be greater or less, in propor- banks were of that earth. When all the ditch tion to the length of time which had previously banks shall have been thus used, he will use the been given to the peculiar and continual manuring of this county. tance to the fields. The quantity will exceed The dwelling houses for the negroes on Pano- any probable demand for making compost, for

earthy materials for compost. A large pot ion The higher land is firm and mostly dry, naof all such earthy material, as before stated for turally. Most of it is of some one or other indiate grade between sandy soil and medi um loam. Very little is too sandy to be of excellent texture for cotton, corn and peas-and not much. (though there is some land.) quite close and stiff enough for wheat and clover. As the culture of the latter two crops is attempted on very few farms, and to but small extent, it may be-considered that the land generally is of the best possible texture for all the great crops, best and well suited to the climate, which in the order of their usual extent of culture, are in the order named above, of first cotton, next corn and least peas. The soil (exclusive of swamps) is pine-bearing and acid, and therefore especially requiring, and profited by, applications of lime. Marl very extensively underlies the land, and has been found and is used as manure on many farms .----It has been eminently beneficial, whenever properly used-and where known early, was the foundation of all other improvements since introduced. The commencement of improvement, as reported, was to me especially interesting .-Until some 15 years ago, the agriculture of

Dancy, pay to their negroes 8 cents per bushel curred for ten years or more in the same gener- To use carts for such short trips is a great waste for all the ashes they will furnish; and they al procedure, and in so doing, have stopped the of labor-even though each cart may make 120 make a considerable supply from the numerous former general progress of impoverishment, and or more trips in a day. For such short disdead trees in the woods, and scattered drift logs. have produced great improvement of lands, and tances. I think it probable that wheel barrows. The larger collections of drift wood are burnt increase of crops and of profits, there remains no by the proprietors. ground for a doubt as to the general beneficial

All these materials, and every other putres- results, and great profits, of the general procecent matter that accident may offer, are used in dure for such improvement. And their increascompost, or intermixture. And the general ben- ed products and profits have been made, on cfits are such, that the belief has become very lands cropped almost every year, (an omission extensive that intermixture alone, of any two or is very rare,) and without any thing like a romore different materials, serves to create new station of crops. Cotton occupies the same ground And the subsequent application of organic and important manuring value. The received almost continually, and always for at least four reports of the general results of the practice, as or five years in close succession.

shown in the large and increasing crops, and in- But in addition to these considerations, I have of labor, and in some cases of marl also. All creased fertility of the lands so treated, are seen other and like facts of composting elsesuch as to permit no doubt to be entertained of where, which were alleged to produce a great there being great benefit and profit in the gen- benefit, and were sustained by as ample and eral. But still I would question the propriety similar evidence. In Talbot courty, Maryland, remedies or substitutions; and which advice may almost every year from each field, and to return of using, and of twice moving, and more than a few years ago, I saw in operation nearly the twice hauling the poorer of the earthy material same system of making compost manures, and used as well as the economy and profit of some heard the like reports of general benefits thence of the attendant labors. Of this, more hereafter. derived. The practices varied only in the dif With such industry to procure materials, and ferent supplies of material. In Talbot, besides

with the unlimited supplies of the larger and ditch banks, head-lands, or 1 margins of fields, poorer kinds, the amount of compost manure to and other rich high-land soil, tide-marsh mud, be made is limited only by the labor that can was accessible, was largely used for the chief be so directed. And the quantities actually material of compost heaps. Also refuse or very made are enormous. Every careful farmer thus low-priced fish, when to be obtained in quantimanures his whole cotton field, and more or less | ties, sometimes made part of the richer parts of of land under crops. Of the Panola farm, hav- the bed or heap. Not only did intelligent proing 600 acres of cleared land in all, compost prietors so operate and improve on their own was applied last spring to 350 acres now under lands, but poor men who were but tenants at will culture, and guano to 50 acres more, 400 in all -who paid rents that with us would be deemed manured. The land now (or lately) under much too high, (one-half of the wheat, and onecrops, is 220 in cotton, 225 in corn, 8 of sweet third of all other products of the rented farms,)

potatoes, 37 of oats, and 100 of broad-cast peas and who yet had been growing richer in a long as a manuring crop; in all 590 acres under course of such business. As in Edgecombe, so continuing the use of mark, as he did, with zeal- crops. The products of this farm for the only in Talbot county, the practice was so extended. two years completed under the present owners, had so long continued, and the effects were so

with a safe estimate for the growing crops, would well known and established in general opinion, exhibit to those persons knowing the circum- that there was no room to doubt the ordinary stances, great progress of improvement. But to and great benefits, even though there might have others, the mere : tatement of increase, without been many errors in the details, and many losses explanations, would be delusive, as the necessi- in particular, and wrong parts of the generally ties of the farm at first required labor to be good system.

withheld from cropping; and the first two years' Thus, in two remotely separated commanities, crops were therefore on much smaller spaces, as having not the least communication with or well as on unimproved and much poorer land. knowledge of each other, there have separately Even as to other cases of older and long contin- sprung up systems of manuring of almost preued culture and increase of crops, which I will cisely alike.

cite to show some of the greatest improvement My commendation of the general system of and profit, all are liable to the objection of there compost manuring in Edgecombe, and testimohaving been more space added by new clearings, ny of its benefits in improving both crops and and also increase of laborers. This obstacle to land, have been sufficiently stated. I can accurate statements of increase must necessarily also testify (though such might be inferred as apply to all improving farmers, of a country as incidents to all great and general improvement yet but partially opened for culture. of lands.) that the farmers are intelligent in pur-

Mr. Baker Staton has increased his cotton suing their plans-zealous and industrious in crops from 60 bales to 302, (400 lbs. are count- their labors-and managing well in the peculiar system they aim to pursue. I will now take the

Mr. James S. Battle when beginning to marl liberty of noting some things in which I think owned and cultivated four separate farms in they err, either in acts of commission or omis-Edgecombe, on all of which he made at most sion.

275 bales of cotton. Subsequently, he gave 1st. In their compost system, I think they r in using much earth as material which is too

8. Owing to the wide extent of cotton culture, and the small extent of forage crops and poor to pay for two transportations and more products-and the entire want of grass culture handlings. Enough of rich earth might be and of meadows, even on the lands admirably found and used instead, on almost every farmsuited for grass-there is a frequent scarcity of or still better, marl for the flooring of stock pens. hay. To supply the deficiency, northern hay is 2. A still earlier and more general error, is to mported, and used not only by the townmen. mit the general and light marling (or liming) but to more or less extent by some of the farmers of the country. This is a shame-a disgrace to the agriculture of Edgecombe, which I trust will not be suffered to continue much onger. Thus, I have as freely condemned what I leemed wrong, as applauded what is right .--But in censures thrown out on such slight opportunity for observation, it is more than probahle that the cause may be in some degree mistaken. And even if not mistaken, he is not apt to be deemed correct in opinions entirely opposed to those of the censured. Marlbourne, Va., Aug. 25, 1854.

Blessed is he who scattereth ashes upon the

casks of lime at that price, and used it as mate-

3. There is much loss of labor in the manner of carting the materials and carrying out and sidewalk, for he shall not slip down.

of all the fields in advance of the compost applications, or as early as possible. I say a light marling, became the marl making part of the compost would at every application serve to add to the quantity of marl, until the soil had been made sufficiently calcareous. If this most valuable material is not to be obtained on or near to every farm, marl nearly as rich as pure lime, from the more southern counties, might be brought by the railroad-or lime boated up the Tar river. At some times even the lime from Maine has been thus obtained as low as \$1 the cask. Mr. D. Bullock once bought 1000

43 " 54 " 83 137

rial for compost.

Panola, is used to bed cattle and other live stock, two of the farms to two softs-and on the other two farms only, subsequently increased his crops to 600 bales. On the other two farms, his sons have respectively made about 185 and 195 bales. or nearly 1000 bales from the 3 proprietors .--From the 600 bales made lately by the father. there should be deducted 50; which was the previous product of another farm which he had lately bought. The subsequent increase on that new purchase fairly belongs to Mr. Battle's general increase, from his own improvement of land. Mr. Robert R. Bridgers and Mr. J. L. Horn, besides having respectively the ordinary incentives to increase their crops, have for some years been engaged in a friendly but ardent contest with each other for superiority. Their crops of cotton for the last seven years will be here stated

ed to the bale.)

R. R. Bridgers. J. L. Horn. 19 bales. 27 bales. 18471848. 33 " 1849, 53 " 1850, 88 " 1851, 136 1852. 185 165 182

in connection. 170 1853.

in summer pens, and make the foundation and a large ingredient of the general mass, with vege table litter, in the winter pens. In the latter part of winter, the whole mass then in the stock pens, is thrown up in low ridges, for better admixture and ripening, and then hauled out, to be applied, in the drill, for cotton, is the universal practice. Where marl is available, that makes a large part of the earthy foundation .-It would be much better if marl formed the larger or only supply of bedding for the pens in summer, when highly putrescent matters are so liable to decomposition, and the total waste of the greater and richer part of their substance. As soon as the crops are laid by, in July and early in August usually, the making of manure, and collection of materials, begins. On all the arable ground not then under a crop, (which indeed is very little on most farms in summer,) the earth is carted to a pile in the centre of every acre, 100 single mule cart loads of earth to each, or about 500 bushels. To each pile is added 30 bushels of cotton-seed-and the earth

la have all been recently erected by the present many years. proprietors, on a regular and uniform plan .--- We returned to the village early-but not From their outside appearance, they seemed of to be alone. My host had placed me in his ofsuperior order to any I have seen elsewhere, and fice, on the street, to which, his farming friends each family more comfortably lodged, than any of the neighborhood, and my new a quaintances, known mere agricultural laborers, whether slave had convenient access at all times. And rarely, or free. The farm buildings were also new, and from breakfast time, to late bed-time, when well arranged for their purposes. within doors, were we without some agreeable

The stock yards were large, permanent, and visitors. Indeed, during my whole stay, whethwell enclosed, with straight plank or sawed fences. er when within doors, or on the road, or when Edgecombe was, like most other of the more and cotton-seed often are all. But either in ad-